



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 10

Complete if Known

Application Number	10/608,865
Filing Date	June 27, 2003
First Named Inventor	Timothy P. Stewart
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	09800080-0131

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DS	1	✓ US-5,871,697	02-16-1999	Rothberg et al.	
	2	✓ US-5,861,485	01-19-1999	Tartaglia	
	3	✓ US-5,744,305	04-28-1998	Fodor et al.	
	4	✓ US-5,283,317	02-01-1994	Saifer et al.	
	5	✓ US-5,225,539	07-06-1993	Winter	
	6	✓ US-5,223,409	06-29-1993	Ladner et al.	
	7	✓ US-5,116,742	05-26-1992	Cech et al.	
	8	✓ US-4,987,071	01-22-1991	Cech et al.	
	9	✓ US-4,946,778	08-07-1990	Ladner et al.	
	10	✓ US-4,873,316	10-10-1989	Meade et al.	
	11	✓ US-4,837,028	06-06-1989	Allen	
	12	✓ US-4,816,567	03-28-1989	Cabilly et al.	
	13	✓ US-4,737,323	04-12-1988	Martin et al.	
DS	14	✓ US-4,725,549	02-16-1998	Cooke et al.	

FOREIGN PATENT DOCUMENTS

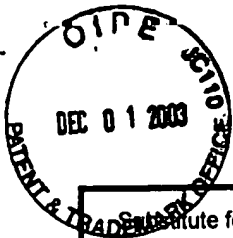
Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
DS	15	✓ EP 0917874	05-26-1999	Louisiana State University Agricultural and Mechanical College		<input type="checkbox"/>
	16	✓ EP 0264166	04-20-1988	Integrated Genetics, Inc.		<input type="checkbox"/>
	17	EP 0184187	06-11-1986	Teijin Limited		<input type="checkbox"/>
	18	✓ EP 0173494	03-05-1986	The Board of Trustees of the Leland Stanford Junior University		<input type="checkbox"/>
	19	✓ EP 0171496	02-19-1986	Research Development Corporation of Japan		<input type="checkbox"/>
DS	20	✓ EP 0125023	11-14-1984	Genentech, Inc. et al.		<input type="checkbox"/>

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

3/21/06



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 10

Complete if Known

Application Number	10/608,865
Filing Date	June 27, 2003
First Named Inventor	Timothy P. Stewart
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	09800080-0131

DS	21	✓	WO 98/51323	11-19-1998	The Regents of the University of California		<input type="checkbox"/>
	22	✓	WO 89/10134	11-02-1989	The Regents of the University of California		<input type="checkbox"/>
	23	✓	WO 94/10300	05-11-1994	The General Hospital Corporation		<input type="checkbox"/>
	24	✓	WO 89/09810	10-19-1989	Mobil Oil Corporation		<input type="checkbox"/>
	25	✓	WO 87/02671	05-07-1987	International Genetic Engineering, Inc.		<input type="checkbox"/>
DS	26	✓	WO 86/01533	03-13-1986	Celltech Limited		<input type="checkbox"/>

Examiner Signature	<i>DSullivan</i>	Date Considered	3/21/06
--------------------	------------------	-----------------	---------



Please type a plus sign (+) inside this box ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control no.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/608,865
		Filing Date	June 27, 2003
		First Named Inventor	Timothy P. Stewart
		Group Art Unit	1645
		Examiner Name	
Sheet	3 of 10	Attorney Docket No.	09800080-0131
OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DS	27	International Search Report of PCT/US00/28932, 2002, 10 pages.	
	28	"ADA Report, Position of the American Dietetic Association: Weight Management," J. Am. Diet Assoc, 1997, pp. 71-74, Vol. 97.	
	29	ARON et al., "Hypothalamus & Pituitary," Basic & Clinical Endocrinology, 1997, pp. 108-109.	
	30	ARON et al., "Hypothalamus & Pituitary," Basic & Clinical Endocrinology, 1997, pp. 95-156.	
	31	AZARYAN et al., "Purification and Characterization of a Paired Basic Residue-Specific Yeast Aspartic Protease Encoded by the YAP3 Gene," J. Biol. Chem., 1993, pp. 11968-11975, Vol. 268.	
	32	BADO et al., "The Stomach is a Source of Leptin," Nature, 1998, pp. 790-793, Vol. 394.	
	33	BALDARI et al., "A Novel Leader Peptide Which Allows Efficient Secretion of a Fragment of Human Interleukin 1β in <i>Saccharomyces cerevisiae</i> ," EMBO J., 1987, pp. 229-234, Vol. 6.	
	34	BANERJI et al., "A Lymphocyte-Specific Cellular Enhancer is Located Downstream of the Joining Region in Immunoglobulin Heavy Chain Genes," Cell, 1983, pp. 729-740, Vol. 33.	
	35	BARSH, "From Agouti to Pomc--100 Years of Fat Blonde Mice," Nat. Med., 1999, pp. 984-985, Vol. 5.	
	36	BEIDLER et al., "Cloning and High Level Expression of a Chimeric Antibody with Specificity for Human Carcinoembryonic Antigen," J. Immunol., 1988, pp. 4053-4060, Vol. 141.	
	37	BERTAGNA, "Proopiomelanocortin-Derived Peptides," Endocrinology and Metabolism Clinics of North America, 1994, pp. 467-485, Vol. 23.	
38	BETTER et al., " <i>Escherichia coli</i> Secretion of an Active Chimeric Antibody Fragment," Science, 1988, pp. 1041-1043, Vol. 240.		
DS	39	BOUCHARD, "Genetics of Obesity: An Update on Molecular Markers," Int. J. Obes., 1995, pp. S10-S13, Vol. 19.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DS 3/21/06



SUBSTITUTE for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/608,865		
		Filing Date	June 27, 2003		
		First Named Inventor	Timothy P. Stewart		
		Group Art Unit	1645		
Examiner Name					
Sheet	4	of	10	Attorney Docket No.	09800080-0131
OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
DS	40	BYRNE et al., "Multiplex Gene Regulation: A Two-Tiered Approach to Transgene Regulation in Transgenic Mice," PNAS, 1989, pp. 5473-5477, Vol. 86.			
	41	CALAME et al., "Transcriptional Controlling Elements in the Immunoglobulin and T Cell Receptor Loci," Adv. Immuno. 1988, pp. 235-275, Vol. 43.			
	42	CAMPER et al., "Postnatal Repression of the α -fetoprotein Gene is Enhancer Independent," Genes Dev., 1989, pp. 537-546, Vol. 3.			
	43	CARULLI et al., "High Throughput Analysis of Differential Gene Expression," J. Cell Biochem., 1998, pp. 286-296, Supp. 30-31.			
	44	CAWTHORNE et al., "Peripheral Metabolic Actions of Leptin," Proceedings of the Nutrition Society, 1998, pp. 449-453, Vol. 57.			
	45	CHEUNG et al., "Proopiomelanocortin Neurons Are Direct Targets for Leptin in the Hypothalamus," Endocrinology, 1997, pp. 4489-4492, Vol. 138.			
	46	CLARKE et al., "Leptin and Reproduction," Reviews of Reproduction, 1999, pp. 48-55, Vol. 4.			
	47	CLEMENT et al., "A Mutation in the Human Leptin Receptor Gene Causes Obesity and Pituitary Dysfunction," Nature, 1998, pp. 398-401, Vol. 392.			
	48	CONSIDINE et al., "Leptin and the Regulation of Body Weight," Int. J. Biochem. Cell Bio., 1997, pp. 1255-1272, Vol. 29.			
	49	COTE et al., "Generation of Human Monoclonal Antibodies Reactive with Cellular Antigens," Proc. Natl. Acad. Sci. USA, 1983, pp. 2026-2030, Vol. 80.			
	50	DELGRAVE et al., "Recursive Ensemble Mutagenesis," Protein Engineering, 1993, pp. 327-331, Vol. 6.			
	51	DIETRICH, "Neuropeptides, Antagonists and Cell Proliferation: Bombesin as an Example," Cell Mol. Biol., 1994, pp. 731-746, Vol. 40.			
	52	DOMINGUEZ et al., "gp25L/emp24/p24 Protein Family Members of the cis-Golgi Network Bind Both COP I and II Coatomer," J. Cell Biol., 1998, pp. 751-765, Vol. 140.			
	53	DUNLOP et al., "Therapeutic Approaches to Obesity," Exp. Opin. Ther. Patents, 1998, pp. 1683-1694, Vol. 8.			
	54	ECK et al., The Pharmacological Basis of Therapeutics," pp. 77-101, Vol. 199.			
DS	55	EDLUND et al., "Cell-Specific Expression of the Rat Insulin Gene:			

DS

-2- 3/21/06



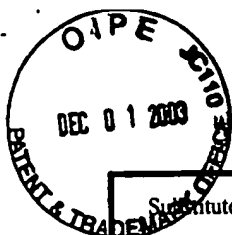
Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/608,865
		Filing Date	June 27, 2003
		First Named Inventor	Timothy P. Stewart
		Group Art Unit	1645
Examiner Name		Attorney Docket No.	09800080-0131
Sheet	5	of	10
OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Evidence for Role of Two Distinct 5' Flanking Elements," Science, 1985, pp. 912-916, Vol. 230.	
DS	56	ELIAS et al., "Leptin Differentially Regulates NPY and POMC Neurons Projecting to the Lateral Hypothalamic Area," Neuron, 1999, pp. 775-786, Vol. 23.	
	57	ELMQUIST et al., "Unraveling the Central Nervous System Pathways Underlying Responses to Leptin," Nature Neuroscience, 1998, pp. 445-450, Vol. 1.	
	58	ERB et al., "Recursive Deconvolution of Combinatorial Chemical Libraries," Proc. Natl. Acad. Sci. USA, 1994, pp. 11422-11426, Vol. 91.	
	59	FRIEDMAN et al., "Leptin and the Regulation of Body Weight in Mammals," Nature, 1998, pp. 763-770, Vol. 395.	
	60	GIBSON et al., "A Novel Method for Real Time Quantitative RT-PCR," Genome Res., 1996, pp. 995-1001, Vol. 6.	
	61	GOLDSPIEL et al., "Clinical Frontiers, Human Gene Therapy," Clin. Pharm., 1993, pp. 488-505, Vol. 12.	
	62	GUAN et al., "Evidence of Altered Hypothalamic Pro-Opiomelanocortin/Neuropeptide Y mRNA Expression in Tubby Mice," Mol. Brain Res., 1998, pp. 273-279, Vol. 59.	
	63	HEID et al., "Real Time Quantitative PCR," Genome Res., 1996, pp. 986-994, Vol. 6.	
	64	HELENE et al., "Control of Gene Expression by Triple Helix-Forming Oligonucleotides, The Antigene Strategy," Ann. N.Y. Acad. Sci., 1992, pp. 27-36, Vol. 660.	
	65	HENKEL et al., "Endocytic Delivery of Intramolecularly Quenched Substrates and Inhibitors to the Intracellular Yeast Kex2 Protease1," Biochem. J., 1999, pp. 445-452, Vol. 341.	
	66	HOLTHIUS et al., "Molecular Probing of the Secretory Pathway in Peptide Hormone-Producing Cells," J. Cell Sci., 1995, pp. 3295-3305, Vol. 108.	
	67	HOLTHIUS et al., "Translocon-Associated Protein TRAPδ and a Novel TRAP-Like Protein are Coordinately Expressed with Pro-Opiomelanocortin in <i>Xenopus</i> Intermediate Pituitary," Biochem. J., 1995, pp. 205-213, Vol. 312.	
	68	HOOP et al., "Prediction of Protein Antigenic Determinants from Amino Acid Sequences," Proc. Natl. Acad. Sci. USA, 1981, pp. 3824-3828, Vol. 78.	
DS	69	HOUSEKNECHT et al., "The Biology of Leptin: A Review," J. Animal	

DS *[Signature]* -3- 3/21/06



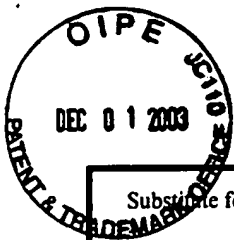
Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/608,865
				Filing Date	June 27, 2003
				First Named Inventor	Timothy P. Stewart
				Group Art Unit	1645
				Examiner Name	
Sheet	6	of	10	Attorney Docket No.	09800080-0131
OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		Sci., 1998, pp. 1405-1420, Vol. 76.			
DS	70	✓ HOWARD et al., "Intracerebral Drug Delivery in Rats with Lesion-Induced Memory Deficits," J. Neurosurg., 1989, pp. 105, Vol. 71.			
	71	✓ HUSE et al., "Generation of Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," Science, 1989, pp. 1275-1281, Vol. 246.			
	72	✓ IKE et al., "Solid Phase Synthesis of Polynucleotides. VIII. Synthesis of Mixed Oligodeoxyribonucleotides by the Phosphotriester Solid Phase Method," Nucl. Acid Res., 1983, pp. 477-488, Vol. 11.			
	73	✓ ITAKURA et al., "Synthesis and Use of Synthetic Oligonucleotides," Annu. Rev. Biochem., 1984, pp. 323-356, Vol. 53.			
	74	✓ ITAKURA et al., "Expression in <i>Escherichia coli</i> of a Chemically Synthesized Gene for the Hormone Somatostatin," Science, 1984, pp. 1056-1063, Vol. 198.			
	75	✓ JOLIOT et al., "Antennapedia Homeobox Peptide Regulates Neural Morphogenesis," Proc. Natl. Acad. Sci. USA, 1991, pp. 1864-1868, Vol. 88.			
	76	✓ KALRA et al., "Interacting Appetite-Regulating Pathways in the Hypothalamic Regulation of Body Weight," Endocrine Reviews, 1999, pp. 68-100, Vol. 20.			
	77	✓ KESSEL et al., "Murine Developmental Control Genes," Science, 1990, pp. 374-379, Vol. 249.			
	78	✓ KUEHN et al., "COPII-Cargo Interactions Direct Protein Sorting into ER-Derived Transport Vesicles," Nature, 1998, pp. 187-190, Vol. 391.			
	79	✓ KURJAN et al., "Structure of a Yeast Pheromone Gene (MFα): A Putative α-Factor Precursor Contains Four Tandem Copies of Mature α-Factor," Cell, 1982, pp. 933-943, Vol. 30.			
	80	✓ KYTE et al., "A Simple Method for Displaying the Hydropathic Character of a Protein," J. Mol. Biol., 1982, pp. 105-142, Vol. 157.			
	81	✓ LEIGHTON et al., "Genomic Imprinting in Mice: Its Function and Mechanism," Biol. Reprod., 1996, pp. 273-278, Vol. 54.			
	82	✓ LEVIN et al., "Decreased Food Intake Does Not Completely Account for Adiposity Reduction After OB Protein Infusion," Proc. Natl. Acad. Sci. USA, 1996, pp. 1726-1730, Vol. 93.			
DS	83	✓ LIANG et al., "Differential Display of Eukaryotic Messenger RNA by Means of the Polymerase Chain Reaction," Science, 1992, pp. 967-971, Vol. 257.			

DSullivan



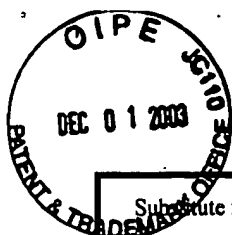
Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/608,865
		Filing Date	June 27, 2003
		First Named Inventor	Timothy P. Stewart
		Group Art Unit	1645
		Examiner Name	
Sheet	7	of	10
		Attorney Docket No.	09800080-0131
OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	84	LINZER et al., "Nucleotide Sequence of Mouse Prolactin and Growth Hormone mRNAs and Expression of These mRNAs During Pregnancy," J. Biol. Chem., 1985, pp. 9574-9579, Vol. 260.	
	85	LISITSYN et al., "Cloning the Differences Between Two Complex Genomes," Science, 1993, pp. 946-951, Vol. 259.	
	86	LIU et al., "Chimeric Mouse-Human IgG1 Antibody That Can Mediate Lysis of Cancer Cells," PNAS, 1987, pp. 3439-3443, Vol. 84.	
	87	LIU et al., "Production of a Mouse-Human Chimeric Monoclonal Antibody to CD20 with Potent Fc-Dependent Biologic Activity," J. Immunol., 1987, pp. 3521-3526, Vol. 139.	
	88	LORD et al., "Leptin Modulates the T-Cell Immune Response and Reverses Starvation-Induced Immunosuppression," Nature, 1998, pp. 897-901, Vol. 394.	
	89	MADURA et al., "N-Recognin/Ubc2 Interactions in the N-end Rule Pathway," J. Biol. Chem., 1993, pp. 12046-12054, Vol. 268.	
	90	MIZUNO et al., "Hypothalamic Pro-Opiomelanocortin mRNA is Reduced by Fasting in ob/ob and db/db Mice, but is Stimulated by Leptin," Diabetes, 1998, pp. 294-297, Vol. 47.	
	91	MONTAGUE et al., "Congenital Leptin Deficiency is Associated with Severe Early-Onset Obesity in Humans," Nature, 1997, pp. 903-908, Vol. 387.	
	92	MOUNTJOY et al., "Obesity, Diabetes and Functions for Proopiomelanocortin-Derived Peptides," Mol. Cell. Endocrin., 1997, pp. 171-177, Vol. 128.	
	93	MULVIHILL et al., "Regulatory Peptides of the Gut," Basic Endocrinology, 1997, pp. 575-594.	
	94	NAKAYAMA et al., "Consensus Sequence for Precursor Processing at Mono-arginyl Sites," J. Biol. Chem., 1992, pp. 16335-16340, Vol. 267.	
	95	NARANG, "Tetrahedron Report Number 140 - DNA Synthesis," Tetrahedron, 1983, pp. 3-21, Vol. 39.	
	96	NEEDLEMAN et al., "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," J. Mol. Biol., 1970, pp. 443-453, Vol. 48.	
	97	NISHIMURA et al., "Recombinant Human-Mouse Chimeric Monoclonal Antibody Specific for Common Acute Lymphocytic Leukemia Antigen," Cancer Res., 1987, pp. 999-1005, Vol. 47.	

DSullivan



Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/608,865
		Filing Date	June 27, 2003
		First Named Inventor	Timothy P. Stewart
		Group Art Unit	1645
		Examiner Name	
Sheet	8	of	10
		Attorney Docket No.	09800080-0131
OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DS	98	NISHIOKA et al., "The Complete Sequence of a Chromosomal Mouse Alpha-Globin Gene Reveals Elements Conserved Throughout Vertebrate Evolution," Cell, 1979, pp. 875-882, Vol. 18.	
	99	OI et al., "Overview - Chimeric Antibodies," BioTechniques, 1986, pp. 214-221, Vol. 4.	
	100	PERUSSE et al., "Role of Genetic Factors in Childhood Obesity and in Susceptibility to Dietary Variations," Ann. Med., 1999, pp. 19-25, Vol. 31.	
	101	PI-SUNYER et al., Clinical Guidelines on the Identification, Evaluation, and Treatment of Overweight and Obesity in Adults - The Evidence Report," National Institutes of Health Publication No. 98-4083, 1998.	
	102	POMP, "Genetic Dissection of Obesity in Polygenic Animal Models," Behav. Genet., 1997, pp. 285-306, Vol. 27.	
	103	QUEEN et al., "Immunoglobulin Gene Transcription is Activated by Downstream Sequence Elements," Cell, 1983, pp. 741-748, Vol. 33.	
	104	ROBERTS et al., "Corticotropin and Beta-Endorphin: Construction and Analysis of Recombinant DNA Complementary to mRNA for the Common Precursor," Proc. Natl. Acad. Sci. USA, 1979, pp. 2153-2157, Vol. 76.	
	105	RODBELL et al., "Metabolism of Isolated Fat Cells," J. Biol. Chem., 1964, pp. 375-380, Vol. 239.	
	106	SAUDEK et al., "A Preliminary Trial of the Programmable Implantable Medication System for Insulin Delivery," New Engl. J. Med., 1989, pp. 574, Vol. 321.	
	107	SCHENA et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," Science, 1995, pp. 467-470, Vol. 270.	
	108	SCHULTZ et al., "Expression and Secretion in Yeast of a 400-kDa Envelope Glycoprotein Derived from Epstein-Barr Virus," Gene, 1987, pp. 113-123, Vol. 54.	
109	SCHWARTZ et al., "Leptin Increases Hypothalamic Pro-Opiomelanocortin mRNA Expression in the Rostral Arcuate Nucleus," Diabetes, 1997, pp. 2119-2123, Vol. 46.		
110	SEED, "An LFA-3 cDNA Encodes a Phospholipid-Linked Membrane Protein Homologous to its Receptor CD2," Nature, 1987, pp. 840-842, Vol. 329.		
111	SEIDAH et al., "cDNA Sequence of Two Distinct Pituitary Protein Homologous to Kex2 and Furin Gene Products: Tissue-Specific mRNAs Encoding Candidates for Pro-Hormone Processing Proteinases," DNA &		

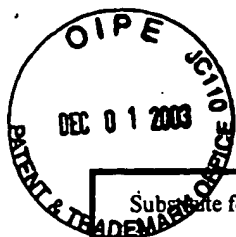
DSullivan 3/21/06



Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/608,865	
			Filing Date	June 27, 2003	
			First Named Inventor	Timothy P. Stewart	
			Group Art Unit	1645	
			Examiner Name		
Sheet	9	of	10	Attorney Docket No.	09800080-0131
OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²	
		Cell Biol., 1990, pp. 415-424, Vol. 9.			
DS	112 ✓	SHAW et al., "Mouse/Human Chimeric Antibodies to a Tumor-Associated Antigen: Biologic Activity of the Four Human IgG Subclasses," J. Natl. Cancer Inst., 1988, pp. 1553-1559, Vol. 80.			
	113 ✓	SHILO et al., "DNA Sequences Homologous to Vertebrate Oncogenes are Conserved in <i>Drosophila</i> Melanogaster," Proc. Natl. Acad. Sci. USA, 1981, pp. 6789-6792, Vol. 78.			
	114 ✓	SHIMKETS et al., "Gene Expression Analysis by Transcript Profiling Coupled to a Gene Database Query," Nature Biotechnology, 1999, pp. 798-803, Vol. 17.			
	115 ✓	SMITH et al., "Production of Human Beta Interferon in Insect Cells Infected with a Baculovirus Expression Vector," Mol. Cell Biol., 1983, pp. 2156-2165, Vol. 3.			
	116 ✓	SMITH et al., "Comparison of Biosequences," Adv. Appl. Math., 1981, pp. 482-489, Vol. 2.			
	117 ✓	SPIEGELMAN et al., "Andipogenesis and Obesity: Rounding Out the Big Picture," Cell, 1996, pp. 377-389, Vol. 87.			
	118 ✓	Stratagene Catalogue, 1991, page 66.			
	119 ✓	SUN et al., "Chimeric Antibody with Human Constant Regions and Mouse Variable Regions Directed Against Carcinoma-Associated Antigen 17-1A," PNAS, 1987, pp. 214-218, Vol. 84.			
	120 ✓	VAN DER KROL et al., "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences," BioTechniques, 1988, pp. 958-976, Vol. 6.			
	121 ✓	VAN ZWIETEN et al., "Hypertensive Diabetic Rats in Pharmacological Studies," Pharmacol. Res., 1996, pp. 95-105, Vol. 33.			
	122 ✓	VELCULESCU et al., "Serial Analysis of Gene Expression," Science, 1995, pp. 484-487, Vol. 270.			
	123 ✓	VOET et al., Biochemistry, 1990, pp. 126-128 and 228-234.			
	124 ✓	WADE et al., "Leptin Facilitates and Inhibits Sexual Behavior in Female Hamster," Am. J. Physiol., 1997 pp. R-1354-R1358, Vol. 272.			
	125 ✓	WANG et al., "A Nutrient-Sensing Pathway Regulates Leptin Gene Expression in Muscle and Fat," Nature, 1998, pp. 684-688, Vol. 393.			
	126 ✓	WEIGLE et al., "Obesity Genes and the Regulation of Body Fat Content," BioEssays, 1996, pp. 867-874, Vol. 18.			
PS	127 ✓	WEXLER et al., "Pathophysiological Differences Between Obese and Non-			

DS

3/21/06



Substitution for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/608,865		
		Filing Date	June 27, 2003		
		First Named Inventor	Timothy P. Stewart		
		Group Art Unit	1645		
Examiner Name					
Sheet	10	of	10	Attorney Docket No.	09800080-0131
OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		Obese Spontaneously Hypertensive Rats," Br. J. Exp. Pathol., 1980, pp. 195-207, Vol. 61.			
DS	128 ✓	WINOTO et al., "A Novel, Inducible and T Cell-Specific Enhancer Located at the 3' End of the T Cell Receptor α Locus," EMBO J., 1989, pp. 729-733, Vol. 8.			
	129 ✓	WOOD et al., "The Synthesis and <i>in vivo</i> Assembly of Functional Antibodies in Yeast," Nature, 1985, pp. 446-449, Vol. 314.			
	130 ✓	YASWEN et al., "Obesity in the Mouse Model of Pro-Opiomelanocortin Deficiency Responds to Peripheral Melanocortin," Nat. Med., 1999, pp. 1066-1070, Vol. 5.			
	131 ✓	YOUNG et al., "Authentic Cell-Specific and Developmentally Regulated Expression of Pro-Opiomelanocortin Genomic Fragments in Hypothalamic and Hindbrain Neurons of Transgenic Mice," J. Neuroscience, 1998, pp. 6631-6640, Vol. 18.			
DS	132 ✓	YU et al., Proc. Natl. Acad. Sci. USA, 1997, pp. 1023-1028, Vol. 94.			
Examiner Signature	[Signature]			Date Considered	3/21/06